MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Name of work:- Construction of Anganwadi Building at Srirampura in Ward No Bgatarayenapura Sub Division

Job code: 005-19-000030

Est cost: 10.00 lakhs

Work order: BBMP/EE/BTP/WO/60/2019-20 Dt 28/11/2019

Name of Contractor: Sri. Mohan Kumar. B

(1) Earth work in Surface Excavation ordinary soil for leveling & lowering

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Measurement Book

No. B

353445

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ground manually & removing the excavated stuff to a distance not exceeding 50m & Lift up to 1.5m excavates surface levelled & neatly dressed etc complete						
	Qty from preMeasurement sl 2. Item No 1 & Pg-353486					= 12.0m³	
	@ Rate 149.80/m³					= 1798=80	
(2)	Earthwork Excavation for foundation of Building cillar in pits or in trenches 1.5m below in well in ordinary soil not exceeding 1.5m in depth including dressing the bottom & sides of						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Excavation etc complete qty from premeasurement Line Item no 2 pg - 35348						
	up to 125% qty					59.43 m³	
	@ Rate 180.44/m³					= 10724=00	
	above 125% qty					16.08 m³	
	@ Rate 180.44/m³					= 2901=00	
(3)	providing & filling in foundation with granite trap broken metal 100 m.m & down size with approved sand including hand packing						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

353446

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	ramming watering including cost & all materials & labour with all lead & lift etc complete						
	qty is from premeasurement Line Item no 3 pg - 35348					=	
	up to 125% qty					7.19 m³	
	@ Rate 2018.28/m³					= 14330=00	
	above 125% qty					2.14 m³	
	@ Rate 2018.28/m³					= 4319=00	

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(4) providing & laying in position P.C.C of mix m 7.5 with 40m.m & down size graded granite metal coarse aggregates & fine aggregates mix mixes concrete laid in layers not exceeding 15c.m in light & well compacted etc complete.						
	Qty is from premeasurement vide item No 4 pg 35348 =						
	up to 125.1. Qty					11.14m³	
	@ Rate 4646.62/m³					= 51763=00	
	above 125.1. Qty					1.72m³	
	@ Rate 4646.62/m³					= 7992=00	

M. A. R. 57 (Rule 116)
Measurement Book
No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

353447

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(5) providing & Constructing granite/trap/basalt stone in basement with mud mortar & edges of stone chessel dressed in courses not less than 15c.m Light bond stone at two m apart in each course etc Complete						
	Qty is from pre measurement vide item No 5 pg-35348					= 11.62m³	
	@ Rate 4778.37/m³					= 55525=00	
	(6) Filling available excavated earth in sides of foundations up to plinth in layers not exceeding 20c.m in depth Compacting each deposited layer						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	by ramming after watering will lead up to plinth including cost of materials & labour etc complete as per item no 6 pg - 353489						
	up to 125 m. Qty @ Rate 121.25/m³					30.21 m³ = 3663.50	
	above 125 m. Qty @ Rate 121.25/m³					19.84 m³ = 2406.50	
(7)	providing & laying in position 1:2:4 mix M10 with 20 mm & down fine graded granite metal coarse aggregate & fine aggregate M/C mixed concrete laid in layers not exceeding 15 cm till vibrated for all works in						

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Measurement Book
No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	foundation plinth & ground floor level for roof slab staircase lintels retaining walls return walls columns etc including cost of all materials etc complete						
	footing	9	1.80	1.80	0.50+0.65/2	16.76	
	Column up to plinth	9	0.45	0.23	1.70	1.58	
	above plinth Beam	9	0.45	0.23	3.45	3.21	
	C/PC	3	9.10	0.20	0.30	1.64	
	Roof Beam	3	6.15	0.20	0.30	1.10	
		3	9.10	0.20	0.30	1.64	
		3	6.15	0.20	0.30	1.10	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref to Meas
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	RCC roof	1 X	7.80	X 6.55	X 0.15	= 7.66	
		1 X	3.85	X 1.30	X 0.15	= 0.75	
	Stair case	1 X	3.10	X 0.60	X 0.12	= 0.22	
	Bottom slab of flight-	1 X	1.40	X 0.75	X 0.12	= 0.12	
		1 X	1.60	X 0.60	X 0.12	= 0.11	
	Steps	0.50	X 9	X 0.60	X 0.15	X 0.23 = 0.89	
		0.50	X 8	X 0.60	X 0.15	X 0.23 = 0.08	
	Cover slab	1 X	2.40	X 1.80	X 0.15	= 0.64	
		1 X	7.55	X 6.55	X 0.075	= 3.70	
		1 X	3.85	X 1.30	X 0.075	= 0.37	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

353449

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sup tank	1 x	2.10 x	1.50 x	0.12	= 0.38	
		1 x	2.40 x	1.80 x	0.15	= 0.64	
						41.79 m³	
			Limited to			= 40.73 m³	
	upto 12.5 % Qty					25.46 m³	
	@ Rate		5738.82/m³			= 147258=00	
	above 12.5 % Qty					15.07	
	@ Rate		5738.82/m³			= 86484=00	

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(8)	providing T.M.T Steel rein forcement RCC work including straightening cutting bending placing in position & anchoring to the adjoining members wherever necessary etc complete						
	Qty is from premeasurement Abstract & Pg-						
	up to 12.5 t. Qty					2.45 Tm	= 14176
	@ Rate 57862.72/Tm						
	above 12.5 t. Qty					1.61 Tm	= 93158.
	@ Rate 57862.72/Tm						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

353450

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(9) providing & Constructing B.B.M with approved Quality of brick - modular bricks of std size & class designation 50 with C.M 1:6 for basements & superstructure including cost of materials labour charges Scaffolding curing etc complete						
	Sump	2	2.40	0.23	2.10	= 2.31	
		2	1.54	0.23	2.10	= 1.48	
						3.99 m³	
						3.20 m³	
	@ Rate of 6382.30/m³					= 20423=00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(17)	providing & removing centering shuttering propping etc & removal of forms works for flat surface such as suspended floor thickness upto 200mm including cost of materials upto 200mm including cost of all materials labour etc complete						
	Columns	2	9	0.45	5.10	= 41.31	
		2	9	0.23	5.10	= 21.11	
	2nd	1		2.75	6.55	= 50.76	
		1		3.85	1.70	= 5.98	
	staircase	1		2.10	0.60	= 1.26	
		1		1.60	0.60	= 0.96	

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Measurement Book

No. B

353451

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Landing	1	1.40	0.75	= 1.05		
	Roof Beam	3	2	9.05	0.20 = 16.29		
		3	1	9.05	0.20 = 5.43		
		3	2	6.15	0.30 = 11.07		
		3	1	6.15	0.20 = 3.69		
						155.53 m²	
	upto 125 ft @ Rate 525.10/m²					20.69 m² = 37119.00	
	above 125 ft @ Rate 525.10/m²					61.50 m² = 32289.00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(18)	providing & removing Centering shuttering Strutting propping etc for chajja including edges including cost of all materials labour etc complete						
	plinth Beam	3	x 2 x 9.05	x 0.30	= 16.29		
		3	x 2 x 6.55	x 0.30	= 11.79		
						28.08 m²	
			Limited to			18.39 m²	
			Rate 257.77/m²			= 4740=00	
(G1)	Dismantling SSM in clay mortar & stacking						
	lit size stone within radius of 50mm						

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No. B

353452

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	& removing lit debris to a distance upto 200m etc complete						
	SSM	3	x 6.50	x 0.45	x 0.90	= 8.26 m³	
		2	x 5.0	x 0.45	x 0.90	= 4.05 m³	
						12.31 m³	
	@ Rate 292.68/m³					= 3603=00	
(G2)	Dismantling BBM in clay mortar/lime mortar/cement mortar of 50mm & removing lit debris to distance upto 200m etc complete						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		3	6.89	0.23	3.52	16.42	
		2	5.0	0.23	3.05	7.05	
						16.42 m³	
	@ Rate 266.76/m³					= 4381=00	
(E3)	Dismantling of existing structure like Culverts bridges retaining wall + other Structures comprising of masonry CC wood work Steel work including taking Scaffolding wherever necessary Sorting the dismantled materials disposal of						

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Measurement Book

No. B

353453

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Un Serviceable materials + Stacking the Serviceable materials with all lifts etc complete						
	Roof	1	9.0	7.6	0.15	= 9.45 m³	
	@ Rate 490.74/m³					= 4634=00	
						731174=00	
				A22 12.1 GST		57740=00	
				TOTAL		818914=00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate:						
	(1) This is certified that the above work done Satisfactorially.						
	(2) The above Bill Amount is not Claimed any of privious Bill.						
	28/2/21 ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ						
	28/2/21 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

353454

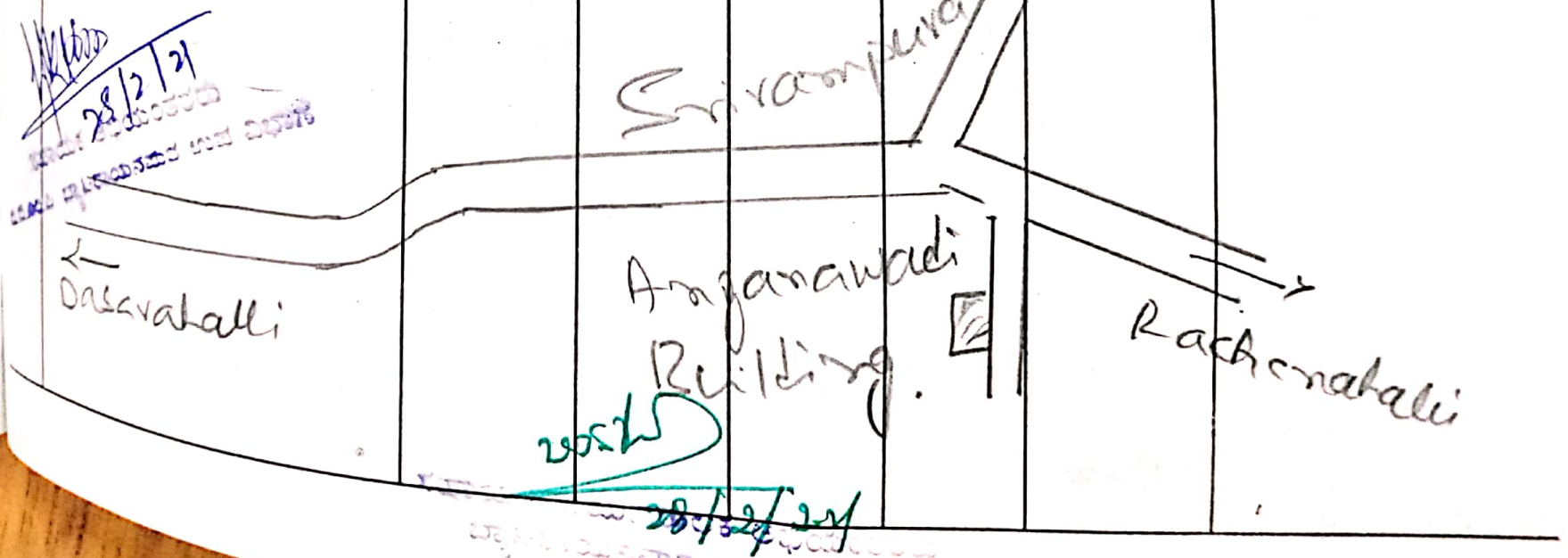
Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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work

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